

# PS-5011



## SPECIFICATIONS

Speeds	: 33 1/3, 45 RPM continuously variable
Drive	: vertical idler
W/F	: 0,12% (Din 45507)
S/N	: 59 dB weighted B — 37 dB unweighted A (DIN 45539)
Power requirements	: 110 ~130 V/220 ~240 V - AC 50/60 Hz - 10 ~12 W
Dimensions	: 446 (W) × 162 (H) × 369 (D) mm
Net weight	: app. 8.5 kg
Tonearm	: statically balanced
Cartridge	: VM-95P (induced magnet)
Replacement stylus	: ND-150P
Possible replacement cartridge	: VM26G

## CARACTERISTIQUES TECHNIQUES

Vitesses	: 33 1/3, 5 t/m continuellement variable
Transmission	: galet vertical
Fluctuations	: 0.12% (DIN 45507)
Rapport signal/bruit	: 59 dB pondéré B, 37 dB non pondéré A (DIN 45539)
Alimentation	: 110 ~ 130 V/220 ~ 240 V-CA 50/60 Hz-10 ~ 12 W
Dimensions	: 446 (L) × 162 (H) × 369 (P) mm
Poids net	: app. 8.5 K
Bras de lecture	: équilibré statiquement
Elément phonocapteur	: VM-95P (à aimant induit)
Pointe de lecture	: ND-150P
Phonocapteur possible de remplacement	: VM26G

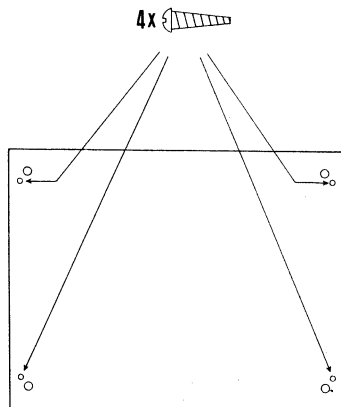
## TECHNISCHE EINZELHEITEN

Drehzahlen	: 33 1/3, 45 U/min. kontinuierlich einstellbar
Antriebsart	: senkrechtes Reibrad
Gleichlaufschwankungen	: 0.12% (nach DIN 45507)
Rumpel-Fremdspannungsabstand	: 59 dB bewertet B, 37 dB unbewertet A (DIN 45539)
Netzanschluß	: 110 ~ 130 V/220 ~ 240 V-WS 50/60 Hz-10 ~ 12 W
Abmessungen	: 446 (L) × 162 (H) × 369 (P) mm
Tonarm	: statisch ausbalanciert
Tonabnehmer	: VM-95P (induzierter Magnet)
Ersatznadel	: ND-150P
Möglicher Ersatztonabnehmer	: VM26G

**SONY**  
**SERVICE MANUAL**

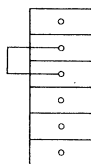
# VOLTAGE CHANGE OVER CHANGEMENT DE TENSION SPANNUNGSÄNDERUNG

## 1. Disassembly of bottom Démontage du fond Abbau des Bodendeckels

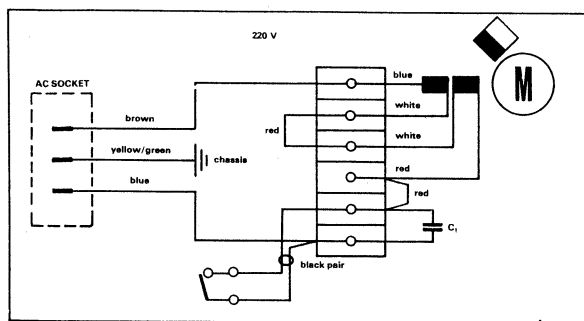
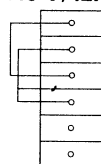


## 2. Change connection Changement de connexion Änderung der Verbindung

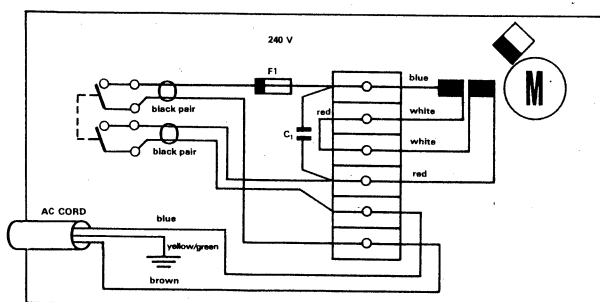
220 V/240 V



110 V/127 V

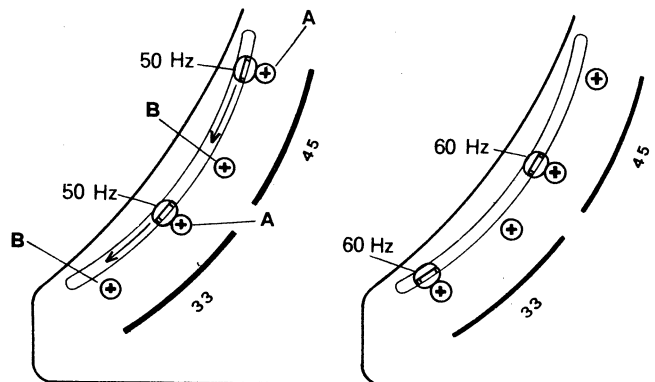


Model: NEMKO, SEMKO, DEMKO, FEMKO, SEV, C<sub>1</sub>: 3900 pF



MODEL: BS C<sub>1</sub>: 4700 pF F1 250 mA

## CONVERSION FROM 50 Hz 60 Hz CONVERSION DE 50 Hz à 60 Hz UMSCHALTEN VON 50 Hz auf 60 Hz



SKETCH 1

SKETCH 2

1. Loosen screws A-B.  
Desserrer les vis A-B.  
Schrauben A-B lockern
2. Remove screws A and slide click-stops as shown.  
Enlever les vis A et glisser les repères comme montré.  
Schrauben A entfernen und Rasten wie gezeigt schieben.
3. Reinstall screws A; don't tighten them.  
Remettre les vis A sans les serrer.  
Schrauben A wieder einschrauben jedoch nicht festdrehen.
4. Remove screws B.  
Enlever les vis B.  
Schrauben B entfernen.
5. Slide click-stops in front of screwholes B.  
Glisser les repères en face des trous des vis B.  
Rasten vor Schraublöcher B schieben.
6. Reinstall screws B; don't tighten them.  
Remettre les vis B sans les serrer.  
Schrauben B wieder einschrauben, jedoch nicht festdrehen.
7. Perform speed adjustment with stroboscope.  
Faire le réglage fin des vitesses avec le stroboscope.  
Drehzahl justieren mittels Stroboskopscheibe.
8. Tighten screws A-B.  
Serrer les vis A et B.  
Schrauben A-B festdrehen.

S-501-023-00 (A)

4-814-126-00 (A)

4-827-461-00 (E)

S-501-020-00 (L)

S-501-148-00 (C)  
S-501-118-00 (C)  
S-501-149-00 (A)  
S-501-099-00 (B)  
S-501-061-00 (A)  
S-501-039-00 (B)  
S-501-038-00 (E)

S-501-109-00 (F)  
S-501-109-00 (F)  
S-501-102-00 (L)  
S-501-107-00 (C)  
S-501-096-00 (A)  
S-501-056-00 (B)  
S-501-150-00 (A)  
S-501-127-00 (A)  
S-501-133-00 (A)  
S-501-129-00 (A)  
S-501-125-00 (A)  
S-501-126-00 (A)  
S-501-126-00 (A)  
S-501-151-00 (A)  
S-501-056-00 (B)  
S-501-124-00 (B)  
S-501-130-00 (A)  
S-501-132-00 (A)  
S-501-105-00 (A)  
S-501-133-00 (A)  
S-501-104-00 (F)  
S-501-095-00 (H)  
S-501-119-00 (B)  
S-501-106-00 (B)  
S-501-054-00 (A)  
S-501-152-00 (C)

S-501-062-00 (B) (AEP Model) 3900 pf  
S-501-063-00 (B) (UK Model) 4700 pf

S-501-141-00 (A)  
S-501-153-00 (A)  
S-501-154-00 (E)  
S-501-155-00 (A)

S-501-142-00 (A) UK Model only  
S-501-168-00 (A)  
S-501-060-00 (A)

S-501-144-00 (A)  
S-501-169-00 (A)  
S-501-057-00 (A)  
S-501-061-00 (A)  
S-501-121-00 (A)  
S-501-059-00 (A)

S-501-058-00 (A)  
S-501-116-00 (A)  
S-501-133-00 (A)  
S-501-156-00 (A)  
S-501-061-00 (A)  
S-501-115-00 (B)  
S-501-093-00 (A)  
S-501-122-00 (A)  
S-501-123-00 (C)  
S-501-057-00 (A)  
S-501-059-00 (A)

S-501-061-00 (A)  
S-501-119-00 (B)  
S-501-029-00 (B)  
S-501-048-00 (B)

S-501-157-00 (A)

S-501-045-00 (A)  
S-501-044-00 (A)  
S-501-158-00 (L)

S-501-034-00 (A)  
S-501-035-00 (A)  
S-501-031-00 (B)

S-501-046-00 (A)  
S-501-030-00 (K)

S-501-160-00 (A)  
S-501-042-00 (T)  
S-501-157-00 (A)  
S-501-048-00 (B)

S-501-157-00 (A)  
S-501-042-00 (I)

S-501-160-00 (A)  
S-501-161-00 (B)

S-501-027-00 (TV)  
S-501-167-00 (A)  
S-501-049-00 (G)

S-501-041-00 (B)  
S-501-040-00 (C)

S-501-051-00 (A)  
S-501-162-00 (A)  
S-501-032-00 (B)  
S-501-053-00 (A)

S-501-036-00 (E)  
S-501-170-00 (A)

S-501-089-00 (D)  
S-501-098-00 (A)  
S-501-097-00 (B)  
S-501-117-00 (A)  
S-501-163-00 (A)  
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S-501-166-00 (A)  
S-501-091-00 (A)  
S-501-100-00 (A)  
S-501-101-00 (A)  
S-501-110-00 (C)  
S-501-094-00 (A)  
S-501-110-00 (A)

S-501-090-00 (B)  
S-501-108-00 (E)  
S-501-091-00 (A)

S-501-132-00 (A)

S-501-093-00 (A)  
S-501-028-00 (A)  
S-501-137-00 (A)  
S-501-136-00 (F) 1 pole (AEP Model) / S-501-135-00 (F) 2 pole (UK Model)  
S-501-012-00 (A)  
S-501-093-00 (A)

S-501-016-00 (C)  
S-501-017-00 (A)  
S-501-019-00 (A)  
S-501-018-00 (A)

S-501-015-00 (L)

S-501-011-00 (A)

S-501-007-00 (F) AEP Model  
S-501-002-00 (M)  
S-501-009-00 (A)

S-501-003-00 (C)  
S-501-008-00 (A)  
S-501-012-00 (A)  
S-501-009-00 (A)

S-501-005-00 (B)  
S-501-013-00 (B) UK Model  
S-501-004-00 (K)

S-501-010-00 (A)



# COMPLETE PARTS LIST PS-5011

Description	Part N°	Price Group	Description	Part N°	Price Group	Description	Part N°	Price Group	Description	Part N°	Price Group
Base Polystyrol complete	S-501-001-00	(P)	Label screw instruction	S-501-055-00	(A)	Spindle	S-501-113-00	(A)	Suspension spring	S-501-142-00	(A)
Base Polystyrol	S-501-002-00	(M)	Screw transit	S-501-056-00	(B)	Clip	S-501-114-00	(A)	Nut	S-501-144-00	(A)
Lower hinge	S-501-003-00	(C)	Circlip	S-501-057-00	(A)	Nutplate speed selector	S-501-115-00	(B)	Label, power plug wiring		
Bottom Polystyrol Base	S-501-004-00	(K)	Spring motor suspension lower	S-501-058-00	(A)	Click-in-stop	S-501-116-00	(A)	instruction U.K. model	S-501-146-00	(B)
Sony Badge	S-501-005-00	(B)	Spring motor suspension upper A	S-501-059-00	(A)	Screw speed scale	S-501-117-00	(A)	Armlift complete	S-501-147-00	(E)
Specification label	S-501-006-00	(B)	Spring motor suspension upper B	S-501-060-00	(A)				Lift tone arm assy complete	S-501-148-00	(C)
Socket power supply AEP Model	S-501-007-00	(F)	Nut motor spring	S-501-061-00	(A)	Bushing armlift	S-501-118-00	(C)	Screw cylindrical M 3 x 8	S-501-149-00	(A)
Clamp cord	S-501-008-00	(A)	Capacitor 3900 pf (AEP model)	S-501-062-00	(B)	Spring tension	S-501-119-00	(B)	Felt ring	S-501-150-00	(A)
Screw cylinder head- self threading 4 x 9,5 mm	S-501-009-00	(A)	Capacitor 4700 pf (UK model)	S-501-063-00	(B)	Clutch assy friction	S-501-120-00	(E)	Special screw	S-501-151-00	(A)
Screw cylinder head- self threading 4 x 16 mm	S-501-010-00	(A)	Stator riveted	S-501-064-00	(G)	Nut M 10	S-501-121-00	(A)	Screw shaft retainer	S-501-152-00	(A)
Screw countersunk head- selfthreading 4 x 9,5 mm	S-501-011-00	(A)	Copper ring	S-501-065-00	(B)	Spring pressure	S-501-122-00	(A)	Insulator fuseholder	S-501-153-00	(A)
Washer 3,2 x 8 x 0,5 mm	S-501-012-00	(A)	Segmented pair	S-501-066-00	(F)	Spindle assy tonearm lifting	S-501-123-00	(C)	Fuseholder assy complete	S-501-154-00	(E)
Label: "Made in Switzerland"	S-501-013-00	(B)	Coil pair	S-501-067-00	(H)				Screw cylinder head, selfthreading 6 x 9,5	S-501-155-00	(A)
			Cylindrical screw	S-501-067-00	(A)	Terminal strip	S-501-124-00	(B)	Screw lever assy idler control	S-501-156-00	(A)
Dust Cover assy, complete	S-501-014-00	(L)	Bearing sintered bronze	S-501-069-00	(B)	Lug soldering	S-501-125-00	(A)	Nut M 5,5	S-501-157-00	(A)
Dust Cover	S-501-015-00	(L)	Centring disc	S-501-070-00	(A)	Screw cylindrical M 3 x 6	S-501-126-00	(A)	Tonearm with outride & leadwires	S-501-158-00	(L)
Hinge upper	S-501-016-00	(C)	Cylindrical pressure ring	S-501-071-00	(A)	Insulator terminal strip	S-501-127-00	(A)	Race ball bearing	S-501-160-00	(A)
Grommet rubber	S-501-017-00	(A)	Nylatron plates	S-501-072-00	(A)	Plastic cap	S-501-128-00	(A)	Cone nut	S-501-161-00	(B)
Screw panhead M 3 x 8	S-501-018-00	(A)	Bracket	S-501-073-00	(B)	Screw cylindrical M 3 x 4	S-501-129-00	(A)	Plate mounting (price included in headshell)	S-501-162-00	
Washer 3,2 x 10 x 0,5	S-501-019-00	(A)	Light terminal	S-501-074-00	(C)				Set screw M 3 x 3	S-501-163-00	(A)
			Rotor 50-60 cycles	S-501-075-00	(L)	Lug soldering	S-501-130-00	(A)	Bushing armrest threaded	S-501-164-00	(B)
			Oilcentrifuge ring	S-501-076-00	(A)	Tooth-washer M 3	S-501-132-00	(A)	Spring washer	S-501-165-00	(A)
			Support	S-501-077-00	(I)	Nut M 3	S-501-133-00	(A)	Plate friction	S-501-166-00	(A)
			Support cover	S-501-078-00	(C)	Label earthing	S-501-134-00	(A)	Screw cartridge mount M 2,5 x 10	S-501-167-00	(A)
			Cone	S-501-079-00	(A)				Fuse 250 mAT (U.K. model only)	S-501-168-00	(B)
Platter	S-501-020-00	(L)	Pressure spring	S-501-080-00	(A)	Toggle switch U.K. 2 Pole	S-501-135-00	(F)	Nut M 4 SW 8	S-501-169-00	(A)
Mat, rubber turntable platter	4-827-461-00	(H)	Roll	S-501-081-00	(A)	Toggle switch A.E.P. 1 pole	S-501-136-00	(E)	Set screw tonearm base	S-501-170-00	(A)
Plate ornamental, turnable platter	4-814-126-00	(E)	Cylindrical pressure spring	S-501-082-00	(A)	Insulating plate for switch	S-501-137-00	(A)	Stylus replacement ND-150P	S-501-171-00	(J)
45 r.p.m. adaptor	S-501-023-00	(A)	Guide plate	S-501-083-00	(A)						
Stroboscope disk	S-501-024-00	(A)	Seeger ring	S-501-084-00	(A)	Threaded pin M 4 x 35	S-501-141-00	(A)			
Gauge stylus adjusting	S-501-025-00	(B)	Special screw	S-501-085-00	(A)						
Label stylus replacement	S-501-026-00	(A)	Special nut	S-501-086-00	(A)						
			Mains warning label	S-501-087-00	(A)						
Tone arm assy complete	S-501-027-00	(N)	Base plate	S-501-088-00	(L)						
Hex nut M 8	S-501-028-00	(A)	Knob Switch ON/OFF	S-501-089-00	(D)						
Nut M 30 x 1,5	S-501-029-00	(B)	Bushing OFF/ON/PLAY	S-501-090-00	(B)						
Pivot complete tone arm	S-502-030-00	(K)	Washer spring	S-501-091-00	(A)						
Cover pivot	S-501-031-00	(B)	Screw cylindrical M 3 x 4	S-501-093-00	(A)						
Tone arm rest	S-501-032-00	(B)	Retainer bushing OFF/ON/PLAY	S-501-094-00	(A)						
Support tone arm	S-501-034-00	(A)	Shaft-bearing assy platter	S-501-095-00	(H)						
Rubber support tone arm	S-501-035-00	(A)	Screw cylindrical M 4 x 8	S-501-096-00	(A)						
Flange tonearm mounting complete	S-501-036-00	(F)	Slide anti-skating	S-501-097-00	(B)						
Bushing thread complete	S-501-037-00	(C)	Knob anti-skating	S-501-098-00	(B)						
Counterweight	S-501-038-00	(E)	Spring anti-skating	S-501-099-00	(B)						
Screw counterweight	S-501-039-00	(B)	Washer	S-501-100-00	(A)						
Weight stylus pressure adj.	S-501-040-00	(C)	Screw parker	S-501-101-00	(A)						
Screw weight stylus pressure adj.	S-501-041-00	(B)	Idler and rod support assy	S-501-102-00	(I)						
Cover support tone arm	S-501-042-00	(I)	Rod idler support	S-501-103-00	(E)						
Plate holding	S-501-044-00	(A)	Idler assy	S-501-104-00	(F)						
Cylindrical screw M 2,6 x 6	S-501-045-00	(A)	Guide idler rod	S-501-105-00	(A)						
Square nut M 2,6	S-501-046-00	(A)	Bolt tension spring support	S-501-106-00	(A)						
Insulating bush with cable, complete	S-501-047-00	(G)	Lever assy idler control	S-501-107-00	(C)						
Lever anti-skating	S-501-048-00	(B)	Lever assy switching	S-501-108-00	(E)						
Headshell empty complete	S-501-049-00	(G)									
Headshell	S-501-050-00	(D)									
Finger headshell	S-501-051-00	(A)	Speed control assy	S-501-109-00	(F)						
Cartridge VM 95P	S-501-052-00	(K)	Knob speed control	S-501-110-00	(C)						
Nut cylindrical M 2,5 x 10	S-501-053-00	(A)	Screw cylindrical M 2,6 x 4	S-501-111-00	(A)						
Motor complete	S-501-054-00	(Q)	Guide plates	S-501-112-00	(A)						

SONY CORPORATION

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